



FIRE TESTING FOR RAILWAY AND MARINE SECTORS

WHO IS CONCERNED?

- Suppliers of materials, products and systems for marine and railways industry
- Designers of systems and sub-systems
- Operators

IN DETAILS, FOR RAILWAYS

- All fire tests according to EN 45545-2 and -3 (reaction-to-fire and fire resistance)
- Compliance of FCCS (Fire containment and control systems) according to CEN TR 17532
- Analysis of product requirements, definition and optimization of test campaigns
- Preparation of TSI's justification of performance (fire safety only)
- Safety demonstrations for EN 50553 running capability standard

Participation to CEN TC256 WG1
(Fire safety and national Mirror committees)

SOME TEST MEANS

- Cone calorimeters (ISO 5660-1, EN 45545-2, AFAP-5)
- Radiant panel (ISO 5658-2, EN 45545-2, FTP Code part 5, etc)
- Smoke chamber coupled with FTIR (ISO 5659-2, EN 17084, FTP Code part 2, etc)

Our tests are covered by our ISO 17025 accreditations.

Our accreditation scopes are available on the COFRAC, UKAS, RvA and TÜRKAK websites.

OUR OFFERINGS

- Complete set of fire tests requested by marine and railways regulations
- Definition of test campaigns, analysis of products
- Pre-compliance reports, e.g. regarding EU 2016/797 interoperability directive
- Fire safety engineering

IN DETAILS, FOR MARINE (CIVIL AND NAVY)

- All tests according to IMO MSC 307(88) FTP code 2010, parts 1,2,3,4,5,10,11
- All tests according to NATO STANAG 4602 (AFAP 1 to 5)
- Plastic and composite pipes tests according to IMO resolution A753(18)
- Fire suppression tests as in IMO A800 and other fire suppression resolutions from FSS Code
- Lifeboat fire tests such IMO MSC 1006

Participation to IMO SDC and SSE subcommittees
Management of some national mirror committees

- Tube furnace (NF X 70-100, EN 17084, AFAP-3)
- Calorimeters (e.g. seats according to EN 16989)
- Fire resistance furnaces (14 furnaces in total)

